

## INTERFERENCE SEARCH

## EAST Search History

| Ref # | Hits | Search Query   | DBs       | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-----------|------------------|---------|------------------|
| L38   | 1    | (weld\$3 and fixture and sensor with cover and spring and perpendicular and weight).clm.                               | US-PGPU B | OR               | ON      | 2006/03/27 14:49 |
| L39   | 1    | (weld\$3 and fixture and SAW and sensor and spring and perpendicular and weight).clm.                                  | US-PGPU B | OR               | ON      | 2006/03/27 14:50 |
| L40   | 2    | (weld\$3 and fixture and (high or low)same power same laser).clm.  | US-PGPU B | OR               | ON      | 2006/03/27 14:51 |
| L41   | 1    | (weld\$3 and fixture and sensor same base and stitch same weld\$3).clm.  | US-PGPU B | OR               | ON      | 2006/03/27 14:52 |
| L42   | 1    | (weld\$3 and sensor same base and located and perpendicular same laser same beam).clm.                                 | US-PGPU B | OR               | ON      | 2006/03/27 14:53 |
| L43   | 1    | (weld\$3 and adjust\$5 same load and foot and specific same weight).clm.   | US-PGPU B | OR               | ON      | 2006/03/27 14:55 |
| L44   | 1    | (weld\$3 and sensor same cover same base same (via or through) and plurality same stitch and seal\$3 and package).clm. | US-PGPU B | OR               | ON      | 2006/03/27 14:56 |

## EAST Search History

| Ref # | Hits | Search Query     | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|------|------------------|--|------------------|---------|---------------------|
| L1    | 79   | 228/103.ccls.    | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:30 |
| L4    | 34   | 228/49.1.ccls.   | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:01 |
| L5    | 4    | 228/49.2.ccls.   | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:31 |
| L6    | 5    | 228/49.4.ccls.   | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:01 |
| L7    | 36   | 228/49.5.ccls.   | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:31 |
| L9    | 145  | 219/121.63.ccls. | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:32 |
| L10   | 223  | 219/121.64.ccls. | US-PGPU<br>B   | OR               | ON      | 2006/03/27<br>14:33 |
| L11   | 1695 | 219/121.6.ccls.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27<br>14:39 |
| L12   | 702  | 228/44.3.ccls.   | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27<br>14:04 |
| L13   | 785  | 228/212.ccls.    | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/03/27<br>14:04 |

## EAST Search History

|     |      |  |  |    |    |                     |
|-----|------|--|--|----|----|---------------------|
| L14 | 3109 | 11 or 12 or 13   | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2006/03/27<br>14:05 |
| L15 | 0    | 14 and weld\$3 same fixture<br>near50 sensor with cover<br>same spring same<br>perpendicular same weight | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:48 |
| L16 | 1    | 14 and weld\$3 and fixture<br>and sensor same cover<br>and spring and<br>perpendicular and weight        | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:09 |
| L17 | 0    | 14 and load same bar<br>same perpendicular and<br>weight   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:09 |
| L18 | 1    | 14 and load same bar and<br>perpendicular and weight   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:10 |

## EAST Search History

|     |   |  |  |    |    |                     |
|-----|---|--|--|----|----|---------------------|
| L19 | 3 | 228/103.ccls. and load same bar and perpendicular and spring         | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:13 |
| L20 | 2 | "20050194362"  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:13 |
| L21 | 1 | 20 and perpendicular and spring                                      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:37 |
| L22 | 1 | 20 and load same bar and receiv\$3 and spring and perpendicular      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:15 |
| L23 | 1 | 14 and weld\$3 same load same bar and sensor near50 base same spring | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:28 |

## EAST Search History

|     |     |   |  |    |    |                     |
|-----|-----|---|--|----|----|---------------------|
| L24 | 1   | 14 and weld\$3 same load<br>same bar and sensor same<br>spring                                      | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:28 |
| L25 | 1   | 14 and weld\$3 same bar<br>and sensor same spring   | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:29 |
| L26 | 1   | 14 and weld\$3 same load<br>same (specific or exact or<br>predetermined) same<br>weight same spring | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:30 |
| L27 | 1   | 20 and locat\$3 same pin  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:37 |
| L28 | 233 | 219/86.1.ccis.  | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2006/03/27<br>14:44 |

## EAST Search History

|     |   |  |  |    |    |                     |
|-----|---|--|--|----|----|---------------------|
| L29 | 0 | 28 and weld\$3 same fixture and load same bar and spring and sensor and base | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:41 |
| L30 | 1 | 28 and weld\$3 same fixture and bar and spring and sensor and base           | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:42 |
| L31 | 0 | 28 and weld\$3 same fixture and guidepost and spring                         | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:43 |
| L32 | 0 | 28 and weld\$3 same fixture and sensor and laser                             | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:43 |
| L33 | 1 | 28 and weld\$3 same fixture and laser  | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:43 |

## EAST Search History

|     |     |   |  |    |    |                     |
|-----|-----|---|--|----|----|---------------------|
| L34 | 385 | 219/158.ccls.   | US-PGPU<br>B;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2006/03/27<br>14:44 |
| L35 | 7   | 34 and weld\$3 and (fixture or hold\$3) and spring and laser                                    | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:47 |
| L36 | 0   | 34 and weld\$3 and (fixture or hold\$3) and spring and laser and bar and sensor                 | US-PGPU<br>B;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2006/03/27<br>14:47 |
| L37 | 0   | (weld\$3 same fixture near50 sensor with cover same spring same perpendicular same weight).clm. | US-PGPU<br>B   | OR | ON | 2006/03/27<br>14:49 |